

PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

|                                                                                                                                                 |   |    |   |                          |                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---|----|---|--------------------------|----------------------------------|
| Substitute for form 1449A/B/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br><i>(Use as many sheets as necessary)</i> |   |    |   | <b>Complete if Known</b> |                                  |
|                                                                                                                                                 |   |    |   | Application Number       | TBA (Based on PCT/EP2004/006297) |
|                                                                                                                                                 |   |    |   | Filing Date              | Concurrently Herewith            |
|                                                                                                                                                 |   |    |   | First Named Inventor     | Wolfram Stürer et al.            |
|                                                                                                                                                 |   |    |   | Art Unit                 | N/A                              |
|                                                                                                                                                 |   |    |   | Examiner Name            | Not Yet Assigned                 |
|                                                                                                                                                 |   |    |   | Attorney Docket Number   | 12810-00179-US1                  |
| Sheet                                                                                                                                           | 1 | of | 1 |                          |                                  |

| U.S. PATENT DOCUMENTS |                          |                                          |                                   |                                                    |                                                                                 |
|-----------------------|--------------------------|------------------------------------------|-----------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                          | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       |                          | Number-Kind Code <sup>2</sup> (if known) |                                   |                                                    |                                                                                 |
| /KP/                  | AA*                      | US-4,638,084                             | 01/1987                           | Singleton                                          |                                                                                 |
|                       | AB*                      | US-4,451,665                             | 05/1984                           | Nugent                                             |                                                                                 |
|                       | AC*                      | US-4,889,949                             | 12/1989                           | Grenouillet et al.                                 |                                                                                 |
|                       | AD*                      | US-4,594,447                             | 06/1986                           | Wilke et al.                                       |                                                                                 |
| /KPAE*                |                          | US-3,013,066                             | 12/1961                           | Alderson                                           |                                                                                 |

| FOREIGN PATENT DOCUMENTS |                          |                                                                                   |                                   |                                                    |                                                                                 |                |
|--------------------------|--------------------------|-----------------------------------------------------------------------------------|-----------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|----------------|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document                                                           | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>6</sup> |
|                          |                          | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                   |                                                    |                                                                                 |                |
| /KP/                     | BA                       | EP-0 474 386                                                                      | 03-11-1992                        |                                                    |                                                                                 |                |
|                          | BB                       | EP-0 475 386                                                                      | 09-11-1991                        |                                                    |                                                                                 |                |
|                          | BC                       | WO-96-34687                                                                       | 11-07-1996                        |                                                    |                                                                                 |                |
| /KP/                     | BD                       | FR-2524341                                                                        | 10-07-1983                        |                                                    |                                                                                 |                |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04 <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS |                          |                                                                                                                                                                                                                                                                                                   |  |                |
|---------------------------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------|
| Examiner<br>Initials            | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.                                   |  | T <sup>2</sup> |
| /KP/                            | CA                       | Oehme et al., "An Efficient Palladium(II) Based Catalytic System For The Dimerization of Methyl Acrylate Promoted By Silver Tetrafluoroborate and <i>p</i> -Benzoquinone", Journal of Organometallic Chemistry, No. 320, 1987, pgs. C56-C58.                                                      |  |                |
|                                 | CB                       | Organometallics, 1986, No. 5, pgs. 1752-1753.                                                                                                                                                                                                                                                     |  |                |
|                                 | CC                       | Sustmann et al., "Dimerization of Methyl Acrylate by Homogeneous Transition-Metal Catalysis. Part I. Activation of Hydrido(Carbonyl)Chloro-[bis(triisopropylphosphane)]ruthenium by CF <sub>3</sub> SO <sub>3</sub> A <sub>4</sub> ", Journal of Molecular Catalysis, No. 85, 1993, pgs. 149-152. |  |                |
|                                 | CD                       | Wilke, "Contributions to Organo-Nickel Chemistry", Angew. Chem. Int. Ed. Engl., Vol. 27, No. 1, 1988, pgs. 185-206.                                                                                                                                                                               |  |                |
|                                 | CE                       | Brookhart et al., "Catalytic Tail-to-Tail Dimerization of Methyl Acrylate Using Rh(III) Catalysts", J. Am. Chem. Soc., 1991, No. 113, pgs. 2777-2779.                                                                                                                                             |  |                |
|                                 | CF                       | Hauptman et al., "Design and Study of Rh(III) Catalysts for the Selective Tail-to-Tail Dimerization of Methyl Acrylate", J. Am. Chem. Soc., 1994, No. 116, pgs. 8038-8060.                                                                                                                        |  |                |
| /KP/                            | CG                       | International Search Report No. PCT/EP2004/006297, dated Sept. 22, 2004, 3 pgs.                                                                                                                                                                                                                   |  |                |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

|                       |                 |                    |            |
|-----------------------|-----------------|--------------------|------------|
| Examiner<br>Signature | /Karl Puttlitz/ | Date<br>Considered | 09/27/2007 |
|-----------------------|-----------------|--------------------|------------|